

CLAIMS:

What is claimed is:

1. A memory card connector having an interior cavity for receiving a memory card, comprising:

an insulative housing having a rear terminal-mounting section at the rear of the cavity, and at least one longitudinal side wall section extending forwardly from one end of the rear section at one side of the cavity, the housing having a bottom surface for mounting on a circuit board;

a plurality of terminals mounted on the rear terminal-mounting section of the housing and having contact portions for engaging appropriate contacts on the memory card;

a pair of switch terminals mounted on the side wall section of the housing, one switch terminal having an elastic contact arm which may be engageable by the memory card received in the cavity and movable into engagement with a contact arm of the other switch terminal;

complementary interengaging mounting means between at least one of the switch terminals and said longitudinal side wall section of the housing and including a body portion of the at least one switch terminal engaged in a retaining slot in the side wall section, and a locking tab projecting from the body portion against a locking shoulder on the side wall section in the slot to prevent the body portion from pulling out of the slot; and

said at least one switch terminal having a soldering tab projecting from a bottom edge of the body portion for solder connection to the circuit board.

2. The memory card connector of claim 1 wherein both of said switch terminals have body portions engaged in retaining slots in the at least one side wall section of the housing.

3. The memory card connector of claim 2 wherein both of said switch terminals have soldering tabs projecting from bottom edges of the body portions.

4. The memory card connector of claim 1 wherein the contact arms of both switch terminals are elastic.

5. The memory card connector of claim 1 wherein said switch terminals are stamped and formed of sheet metal material, and said locking tab is stamped and bent out of an opening in the body portion to define a locking edge engageable with the locking shoulder on the at least one side wall section.

6. The memory card connector of claim 5 wherein said body portion is generally planar and said locking tab is bent out of the plane of the body portion to define said locking edge engageable with the locking shoulder.

7. The memory card connector of claim 1 wherein the body portion of said at least one switch terminal includes barbs engageable with the side wall section in said retaining slot.

8. The memory card connector of claim 1 wherein said elastic contact arm of said one switch terminal is at one end thereof adjacent said longitudinal side wall section of the housing, and including a second elastic contact arm at an opposite end of the one switch terminal adjacent the rear terminal-mounting section of the housing for engaging a third switch terminal
5 in response to insertion of the memory card into the cavity.

9. The memory card connector of claim 8 wherein said one switch terminal is generally L-shaped.

10. A memory card connector having an interior cavity for receiving a memory card, comprising:

an insulative housing having a rear terminal-mounting section at the rear of the cavity, and at least one longitudinal side wall section extending forwardly from one end of the rear section at one side of the cavity, the housing having a bottom surface for mounting on a circuit board;

a plurality of terminals mounted on the rear terminal-mounting section of the housing and having contact portions for engaging appropriate contacts on the memory card;

a first switch terminal stamped and formed of conductive sheet metal material and including a generally planar body portion engaged in a narrow retaining slot in the side wall section of the housing, a soldering tab projecting from a bottom edge of the body portion for solder connection to the circuit board, and an elastic contact arm projecting from the body portion and engageable by the memory card received in the cavity; and

a second switch terminal stamped and formed of conductive sheet metal material and including a generally planar body portion inserted into a narrow retaining slot in the side wall section of the housing, a contact arm projecting from the body portion and engageable by the elastic contact arm of the first switch terminal, a soldering tab projecting from a bottom edge of the body portion for solder connection to the circuit board, and a locking tab stamped and bent out of an opening in the body portion to define a locking edge engageable with a locking shoulder on the side wall section in the slot to prevent the body portion from pulling out of the slot.

11. The memory card connector of claim 10 wherein the body portion of at least said second switch terminal includes barbs engageable with the side wall section in said retaining slot.

12. The memory card connector of claim 10 wherein the elastic contact arm of said first switch terminal has a distal end engageable by the memory card and movable into engagement with the contact arm of said second switch terminal.

13. The memory card connector of claim 10 wherein said elastic contact arm of said first switch terminal is at one end thereof adjacent said longitudinal side wall section of the housing, and including a second contact arm at an opposite end of the first switch terminal adjacent the rear terminal-mounting section of the housing for engaging a third switch terminal
5 in response to insertion of the memory card into the cavity.

14. The memory card connector of claim 13 wherein said first switch terminal is generally L-shaped.